

# PRODUCT DATA SHEET

Super-Fast Primer

# UZIN PE 280

dries  
in only  
45 mins.



Dispersion primer with carbon technology for smooth and dense surfaces

## Description:

Very low emission and film-forming dispersion primer for use over residues of adhesives and levelling compounds and as a bonding agent on dense and smooth surfaces or directly onto epoxy- and PU- based primers. For use prior to application of levelling compounds on cement- and calcium sulphate-screeds for floor covering and wood flooring installations.

Suitable for /on:

- ▶ existing surfaces in need of refurbishment, e.g. on well bonded, waterproof residues of adhesives and levelling compounds, e.g. synthetic resin, neoprene, bitumen or dispersion adhesive residues
- ▶ dense and smooth surfaces such as, e.g. on soundly fixed ceramic and natural stone tiles, reworked stone, terrazzo, water-resistant coatings, epoxy coatings or metal surfaces
- ▶ epoxy primers such as, e.g. UZIN PE 460 or on PU primers such as, e.g. UZIN PE 414 Turbo
- ▶ mastic asphalt that is old or un-gritted
- ▶ magnesia- or stone-wood- screeds
- ▶ heavy wear areas in domestic, commercial and industrial locations
- ▶ warm water underfloor heating systems
- ▶ exposure to castor wheels in accordance with DIN EN 12 529



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contributing  
product



## Product Properties / Benefits:

Dispersion primer/bonding-agent that produces a rough, well-keyed surface due to the special carbon technology. The Super-Fast primer UZIN PE 280 is impressive for its exceptional speed and ideal adhesion to the substrate.

**Composition:** Modified styrol-acrylate copolymers, wetting and de-foaming agents, preservatives, carbon fibres, synthetic and mineral aggregates, water.

- ▶ Ready to use
- ▶ Film-forming
- ▶ Ideal bonding agent on dense surfaces
- ▶ Good adhesion
- ▶ Paste consistency, therefore also suitable for vertical surfaces
- ▶ High-speed construction product
- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS/Very low emission PLUS

## Technical Data:

Packaging:	oblong plastic bucket
Packsize:	5 kg, 12 kg
Shelf life:	min. 12 months
Colour wet / dry:	ochre
Consumption:	70 – 150 g / m <sup>2</sup>
Working temperature:	min. 10 °C at floor level
Drying time, ready for coating after:	45 mins. to 4 hrs.

\* At 20 °C and 65 % relative humidity. See also "Applications Chart".

## Substrate Preparation:

The substrate must be sound, load-bearing, dry, free from cracks, clean and free from materials (dirt, oil, grease) that would impair adhesion. Test the substrate in accordance with applicable standards and notices and report any deficiencies.

Remove any soft or weakly bonded areas, e.g. separating agents, loose residues of adhesives, levelling compounds, coverings or coatings, etc., by brushing, abrading, grinding or shot-blasting. Intensively clean any used, smooth, non-absorbent surfaces with UZIN RG 194 and water – when dry, abrade to a matt finish. Thoroughly vacuum off any loose material and dust. Test that old, well-bonded residues of adhesives and levelling compounds are waterproof. If not waterproof (water test: adhesive starts to dissolve when exposed to water), apply UZIN PE 460 or UZIN PE 414 Turbo.

Always allow primers to dry thoroughly. Refer to the Product Data Sheets for other products used.

## Application:

1. Before, use, allow containers to come to room temperature and, if necessary, stir well.
2. Apply a thin, even coat over the whole surface area using a short-pile lambswool roller or the UZIN nylon fibre roller.
3. Clean tools immediately after use in water.

## Applications Chart:

Allow to dry to an ochre-coloured film that will accept foot traffic.

Substrate	Dilution	Consumption	Drying Time
Well-bonded, waterproof residues of adhesives and levelling compounds	neat	100 – 150 g / m <sup>2</sup>	approx. 45 min*
Dense and smooth substrates, e.g. ceramic and natural stone tiles, reworked stone, terrazzo, water-resistant coatings, epoxy coatings, metal surfaces, other dense substrates	neat	70 – 100 g / m <sup>2</sup>	approx. 45 min*
UZIN PE 460 or UZIN PE 414 Turbo	neat	70 – 100 g / m <sup>2</sup>	approx. 45 min*
Mastic asphalt that is old or un-gritted	neat	100 – 120 g / m <sup>2</sup>	approx. 45 min*
Magnesia- and stone-wood screeds	neat	100 – 120 g / m <sup>2</sup>	approx. 4 hours*

\* At 20 °C and 65 % relative humidity.

## Important Notes:

- ▶ Shelf life minimum 12 months in original container when stored in relatively cool conditions. Protect from frost. Carefully and tightly re-seal opened containers and use the contents as quickly as possible. Material diluted with water must be used within a few days.
- ▶ Optimum application conditions are 15 – 25 °C, floor temperature above 15 °C and rel. humidity below 65 %. Low temperatures and high humidity extend, whilst high temperatures and low humidity shorten the drying time.
- ▶ When applying more than one coat of levelling compound, allow each to dry completely, prime with UZIN PE 360 and, when this has dried, apply the next coat.
- ▶ When using UZIN PE 280 as a bonding agent on totally dense surfaces, the maximum thickness of levelling compound is limited to 10 mm.
- ▶ When applying levelling compounds at greater than 10 mm thickness, a gritted epoxy-resin primer such as UZIN PE 460 is required.
- ▶ On mastic asphalt and magnesia screeds, the thickness of the levelling compound must not exceed 3 mm.
- ▶ When priming over water-soluble adhesive residues (e.g. sulphite adhesives) or fixatives, use gritted UZIN PE 460 or gritted UZIN PE 414 Turbo
- ▶ Follow the generally acknowledged rules of the trade and of technology for the installation of floor covering and wood flooring of the respective applicable national standards (e.g. EN, DIN, OE, SIA, etc.). The following apply as well or are recommended for special consideration:
  - DIN 18 365 "Working with floor coverings"
  - DIN 18 356 "Working with wood flooring"
  - TKB publication "Assessment and preparation of substrates for floor coverings and wood flooring"
  - BEB publication "Assessment and preparation of substrates"

## Protection of the Workplace and the Environment:

Solvent-free. Non-flammable. Requires no special protection or precautions in general use. Use of barrier cream and ventilation of the work area are recommended. EMICODE EC 1 PLUS – very low emission PLUS. Within the scope of current knowledge, gives off no emissions of formaldehyde, hazardous materials or volatile organic compounds (VOC). When fully dried, has a neutral odour and presents no physiological or ecological risk. Basic prerequisites for best possible indoor air quality following floor covering work are conformity to standards of the working conditions, as well as thoroughly dry substrate, primer and smoothing compound.

## Disposal:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free plastic containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste.